

Report ID: 365620 CERANTOLA S.P.A.

Date of sample receipt: 22/02/24 VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

Date of issue: 11/03/24 ITALIA

Sample name: ISO SMART

SAMPLE N° 365620

Overall dimensions: 540 x 540 x 790 (h) mm

List of test reports:

- 1. Safety requirements EN 16139:2013+AC:2013
- 2. Information for use EN 16139:2013+AC:2013
- Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013
- 4. Vertical load on back rest EN 1728:2012+AC:2013
- 5. Seat and back fatigue test EN 1728:2012+AC:2013
- 6. Seat front edge durability test EN 1728:2012+AC:2013
- 7. Leg forward static load test EN 1728:2012+AC:2013
- 8. Leg sideways static load test EN 1728:2012+AC:2013
- 9. Seat impact test EN 1728:2012+AC:2013
- 10. Back impact test EN 1728:2012+AC:2013
- 11. Stability EN 1022:2005
- 12. Stability EN 1022:2023, clause 7.3



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The managing director
Dr. Franco Bulian



SAMPLE N° 365620

Date of issue: 11/03/24

Sample weight: Not determined Sample name: ISO SMART



Side view



Bottom view



Rear view



Testing site: via Antica, 24/3 33048 San Giovanni al Nat. (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 23/02/24
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CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Remarks
Yes
Handles not present
Yes
Yes
Movable and adjustable parts not present
No
Lubricated parts not present
Mechanism not present
No
YES

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 05/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user (Valuated only English and Italian languages)	Present
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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TEST REPORT 365620 / 3

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 23/02/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clauses 6.4 and 6.5 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	460	10	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 460 N to avoid tipping.

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 23/02/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.6 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

The test results comply with the requirements of clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 26/02/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.17 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 6

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 04/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.18 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Leg forward static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.15 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
500	1.000	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 8

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Leg sideways static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.16 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
400	1.000	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.24 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Back impact test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.25 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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TEST REPORT

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 162 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 162 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : /

The test result complies with the requirements of EN 1022:2005

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TEST REPORT

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Stability EN 1022:2023, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 2 of EN 1022:2023

Loads and masses according to table B1 of EN 1022:2023, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : 20 N does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : 20 N does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : 20 N does not overturn

Seating with arm rests, clause 7.3.5.2 : /
Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 162 N : 162 N does not overturn

Tilting seating, clause 7.4.2 : /
Reclining seating with leg rest, clause 7.4.3 : /
Reclining seating without leg rest, clause 7.4.4 : /
Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of standard EN 1022:2023

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Dr. Franco Bulian



CERANTOLA S.P.A.

COLOS

e.mail: info@colos.it - website: www.colos.it

USE INSTRUCTIONS CHAIR ISO SMART - 4 LEGS FRAME

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the chair manually or by using tools;
- Check that the frame is completely leant to the floor and the floor does not allow any sliding of the chair;
- Do not swing the chair while using;
- Do not sit on the backrest or arms;
- Do not stand on your feet or your knee on the chair;
- Do not drag the chair, while moving it;
- Avoid any contact with head source;
- The chair is not suitable for outdoor use, if not clearly indicated;
- Stackable up to 8 without trolley, up to 15 on the trolley

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- HOME/OFFICE
- WAITING AREAS
- CONFERENCE ROOMS

Cerantola Spa



Report ID: 365620

Date of sample receipt: 22/02/24 VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

Date of issue: 11/03/24 ITALIA

Sample name: ISO SMART

SAMPLE N° 365620

CERANTOLA S.P.A.

Overall dimensions: 540 x 540 x 790 (h) mm

List of test reports:

- 1. Safety requirements EN 16139:2013+AC:2013
- 2. Information for use EN 16139:2013+AC:2013
- Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013
- 4. Vertical load on back rest EN 1728:2012+AC:2013
- 5. Seat and back fatigue test EN 1728:2012+AC:2013
- 6. Seat front edge durability test EN 1728:2012+AC:2013
- 7. Leg forward static load test EN 1728:2012+AC:2013
- 8. Leg sideways static load test EN 1728:2012+AC:2013
- 9. Seat impact test EN 1728:2012+AC:2013
- 10. Back impact test EN 1728:2012+AC:2013
- 11. Stability EN 1022:2005 12. Stability EN 1022:2023, clause 7.3



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The managing director
Dr. Franco Bulian



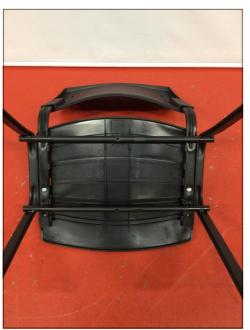
SAMPLE N° 365620

Date of issue: 11/03/24

Sample weight: Not determined Sample name: ISO SMART



Side view



Bottom view



Rear view



Testing site: via Antica, 24/3 33048 San Giovanni al Nat. (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 23/02/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users:	
Absence of sharp edges and corners	Yes
Edges on the handles:	
Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges:	
Absence of sharp edges and corners	Yes
Accessible hollow components:	
The ends of hollow components are closed or capped	Yes
Movable and adjustable parts:	
 It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally. 	Movable and adjustable parts not present
Connections between parts of the structure:	
 It shall not be possible for any load bearing part of the seating to come loose unintentionally 	No
Parts which are lubricated:	
All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts ≥ 8 mm ≤ 25 mm:	
Shear and squeeze points under influence of powered mechanism	Mechanism not present
 Shear and squeeze points during normal use and during normal movements and actions 	No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013:	YES

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 05/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user (Valuated only English and Italian languages)	Present
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 3

Revision: 0

Date of sample receipt: 22/02/24
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Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clauses 6.4 and 6.5 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	460	10	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 460 N to avoid tipping.

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 4

Revision: 0

Date of sample receipt: 22/02/24
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Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.6 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

The test results comply with the requirements of clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 5

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 26/02/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.17 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT 365620 / 6

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 04/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.18 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

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Revision: 0

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CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Leg forward static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.15 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
500	1.000	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Leg sideways static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.16 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
400	1.000	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.24 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian



Testing site: via Antica, 24/3 33048 San Giovanni al Nat. (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT

365620 / 10

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Back impact test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.25 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

The test results comply with the requirements in clause 5 of standard EN 16139:2013+AC:2013, level 1

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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT

365620 / 11

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 162 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 162 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : /

The test result complies with the requirements of EN 1022:2005

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The managing director Dr. Franco Bulian



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LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

TEST REPORT

365620 / 12

Revision: 0

Date of sample receipt: 22/02/24
Date of test: 08/03/24
Date of issue: 11/03/24

Sample name: ISO SMART



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

Stability EN 1022:2023, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 2 of EN 1022:2023

Loads and masses according to table B1 of EN 1022:2023, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : 20 N does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : 20 N does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : 20 N does not overturn

Seating with arm rests, clause 7.3.5.2 : /
Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 162 N : 162 N does not overturn

Tilting seating, clause 7.4.2 : /
Reclining seating with leg rest, clause 7.4.3 : /
Reclining seating without leg rest, clause 7.4.4 : /
Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of standard EN 1022:2023

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The managing director
Dr. Franco Bulian



CERANTOLA S.P.A.

COLOS

e.mail: info@colos.it - website: www.colos.it

ISTRUZIONI D'USO SEDIA ISO SMART – FUSTO 4 GAMBE

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura metallica appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Il prodotto non è adatto ad uso esterno, se non richiesto.
- Si possono impilare 10 sedie senza carrello, 15 su carrello

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa / ufficio
- Seduta per sale attesa
- Seduta per sale conferenza
- Seduta per comunità



laboratorio prove settore legno-arredo

CATAS S.p.A. C.E. - P. IVA: IT 01818850305 Reg. Impr. Ud 20663 R.E.A. Ud 198012 Cap. Soc.: € 686.890 i.v.

Sede: Via Antica, 14 I - 33048 San Giovanni al Natisone Ud Tel. 0432.747211 r.a. Fax 0432.747250 e-mail: comunicazioni@catas.com

Via Braille, 5 I - 20035 Lissone Mi Tel. 039.464567 Fax 039.464565 e-mail: catas2@newtech.it



Protocollo:

27277

Data Ricevimento:

09-04-02

Data Emissione:

14-05-02

Spett. CERANTOLA S.R.L.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

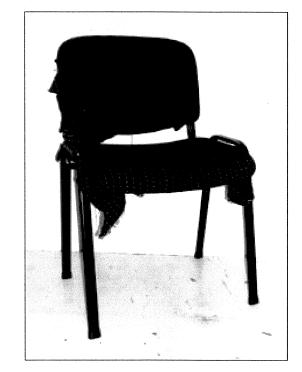
ITALY

Denominaz.campione: Sedia mod. ISO 05 nuova

Caratteristiche prestazionali:

Difetti riscontrati prima della prova: Nessuno.

Relazione composta da nº 4 allegati.



xII nesponsabije/di reparto



II direttipre Dott. Ing. Ahlgelo Speranza

La denominazione del campione è quella dichiarata dalla Ditta richiedente. Questo rapporto di prova riguarda il campione sottoposto a prova e solo esso. Aggiunte, cancellazioni o alterazioni non sono ammesse. Il rapporto di prova non può essere riprodotto parzialmente. La frase "provato da Catas" può essere riprodata nella pubblicità del prodotto; Il termine "approvato" non deve essere assolutamente usato.



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Protocollo:

27277 / 1

Data Ricevimento:

09-04-02

Data Esecuzione:

23-04-02

Data Emissione:

14-05-02

Denominaz.campione: Sedia mod. ISO 05 nuova

Spett. CERANTOLA S.R.L.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

ITALY

Carico statico sul sedile-schienale EN 1728/00

Risultati della prova:

Forza sul sedile N	Forza sullo schienale N	Numero di cicli	Osservazioni
1.500	410	10	Nessuna

Annotazioni : Prova eseguita applicando una forza sullo schienale di 410 N, anzichè 450 e sul sedile di 1500 N, anzichè 1300 N come previsto dalla norma UNI 10977/2002 allorché la sedia tende a ribaltarsi. La forza minima richiesta dalla norma sullo schienale è di 410 N.

Carico statico sul bordo anteriore del sedile:

Forza sul sedile N	Numero di cicli	Osservazioni
1300	10	Nessuna

Annotazioni:

Prova eseguita secondo prospetto 1 della UNI 10977/2002, livello 3°.

∠II responsabile reparto



Il direttore Dott. Ing. Angelo Speranza



centro ricerca-sviluppo laboratorio prove settore legno-arredo CATAS S.p.A.
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Cap. Soc.: \in 686.890 i.v.

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Protocollo:

27277 / 3

Data Ricevimento:

09-04-02

Data Esecuzione:

29-04-02

Data Emissione:

14-05-02

Denominaz.campione: Sedia mod. ISO 05 nuova

Spett. CERANTOLA S.R.L.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

ITALY

Carico statico sulle gambe anteriori EN 1728/00

Risultati della prova:

Forza orizz. anteriore N	Forza vertic.di bilanciamento N	Numero di cicli	Osservazioni
560	1.250	10	Nessuna

Annotazioni:

Prova eseguita secondo prospetto 1 della UNI 10977/2002, livello 3°.

x II responsabile di leparto



Il direjtore Dott. Ing. Angello Speranza



centro ricerca-sviluppo laboratorio prove settore legno-arredo CATAS S.p.A.
C.F. - P. IVA: IT 01818850305
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e-mail: catas2@newtech.it



Protocollo:

27277 / 2

Data Ricevimento:

09-04-02

Data Esecuzione:

23-04-02

Data Emissione:

14-05-02

Denominaz.campione: Sedia mod. ISO 05 nuova

Spett. CERANTOLA S.R.L.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

ITALY

Resistenza a fatica del sedile-schienale EN 1728/00

Risultati della prova:

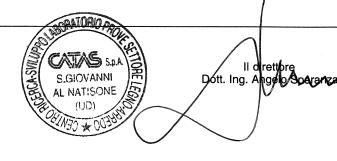
Forza sul sedile N	Forza sullo schienale N	Numero cicli	Osservazioni
1.000	300	100.000	Nessuna

Note: Prova eseguita applicando una forza sullo schienale di 300 N, anzichè 330 N, come previsto dalla norma UNI 10977/2002, allorché la sedia tende a ribaltarsi.

Annotazioni:

Prova eseguita secondo prospetto 1 della UNI 10977/2002, livello 3°.

×II responsabile diffeparto





centro ricerca-sviluppo laboratorio prove settore legno-arredo CATAS S.p.A.

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Protocollo:

27277 / 4

Data Ricevimento:

09-04-02

Data Esecuzione:

29-04-02

Data Emissione:

14-05-02

Denominaz.campione: Sedia mod. ISO 05 nuova

Spett. CERANTOLA S.R.L.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

ITALY

Carico statico sulle gambe laterali EN 1728/00

Risultati della prova:

Forza orizz. laterale N	Forza vertic.di bilanciamento N	Numero di cicli	Osservazioni
760	1.800	10	Nessuna

Annotazioni:

Prova eseguita secondo prospetto 1 della UNI 10977/2002, livello 5°.

✓ Il responsabile di reparto



Dott. Ing. Angelo Spellanza

Imposta di Bollo assolta







DIPARTIMENTO DEI VIGILI DEL FUOCO DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE DIREZIONE CENTRALE PER LA PREVENZIONE E LA SICUREZZA TECNICA CENTRO STUDI ED ESPERIENZE

3153_49885_26076

Visto l'Atto di Omologazione rilasciato in data 17/07/2008 con Codice di Omologazione: TV2689D30D100001, progr. 26076, con ultima validità fino al 17/07/2023, relativo al prodotto con denominazione commerciale: "SEDIA ISO SMART" con impiego: "MOBILE (SEDIA)";

Vista l'istanza di rinnovo progr. 41953 del 20/06/2018 con validità rinnovata fino al 17/07/2023;

Vista l'istanza di rinnovo progr. 49885, assunta a protocollo DCPREV n. 16384 del 06/11/2023, presentata dalla ditta CERANTOLA S.P.A. sita in Via Giorgione, 2, 31037 - RAMON DI LORIA (TV);

SI RINNOVA

l'Atto di omologazione con Codice: TV2689D30D100001, con validità fino al 17/07/2028, salvo le limitazioni previste dall'art.4, comma 3, del D.M. 10/03/2005.

Il presente atto è da considerarsi parte integrante dell'atto di omologazione di cui in premessa e ad esso è accluso.

IL DIRETTORE CENTRALE
(Mannino)
Firmato in forma digitale ai sensi di legge

IL DIRIGENTE

(Ing. Massimo Nazzareno BONFATTI) Firmato in forma digitale ai sensi di legge

IL RESPONSABILE DEL SETTORE OMOLOGAZIONI (Ing. Marcello SERPIERI) Firmato in forma digitale ai sensi di legge

